



# Cultro TC

OPTIMAL CRUSHING WITH A SPEED OF UP TO 20 KM/H





## Cultro TC

KNIFE ROLLER WITH OPTIMAL CRUSHUNG AND  
UTMOST STABILITY DUE TO FITTING BLADES

- Flexibility with 3-point linkage. Optionally, the Cultro 3, 5, and 6 TC can be operated in both front and rear mounting.
- 3-row heavy harrow to distribute organic matter, produce fine soil, or comb out weeds and g asses. Available in Cultro 5, 6, 9, 12, and 18 TC – closed rotor design
- 300 mm large roller bodies for maximum rotational speeds
- Due to offset rollers, there are no uncultivated areas between the segments.



The HORSCH Cultro TC is a knife roller that impresses due to its enormous work rate with minimal fuel consumption. The high work rate is achieved by an operational speed of up to 20 km/h. Depending on the configuration, the Cultro can be operated in front or rear mounting. From a working width of 9 m, only rear mounting is possible. In the Cultro 12 and 18 TC variants, a chassis is integrated to ensure comfortable road transport.

In working position, the entire weight of the machine rests on the knives to ensure safe cutting even in hardest operating conditions. The range of applications of the Cultro includes the crushing of cover crops, rapeseed, sunflower, and silage maize stubble as well as the distribution of straw with the optional heavy harrow. In addition, the Cultro can be used in combination with a Joker for seedbed preparation or for incorporating a large amount of organic matter. The counter-rotating knife tools create a helical work pattern with reliable crushing of the organic material. Due to the small diameter of 300 mm and 6 knives per roller, a high rotational speed is achieved which further intensifies the crushing effect. The knives that are arranged diagonally on the roller ensure constant power transmission. This layout also prevents the machine from bouncing. For maximum stability and operational safety, the blades are positioned directly at the rotor. To ensure optimal contour following, the double knife elements are attached to the frame via rubber cords. This allows to adjust to uneven ground in the direction of travel and protects the knife roller from overload. For the Cultro 12 and 18 TC, the farmer can choose between a RingFlex packer and a heavy harrow. With the Cultro 3 TC, a RollFlex or a RollPack packer can be attached in the rear. Thus, the machine can be optimally adapted to the respective operating conditions.



In working widths from 3 to 18 m

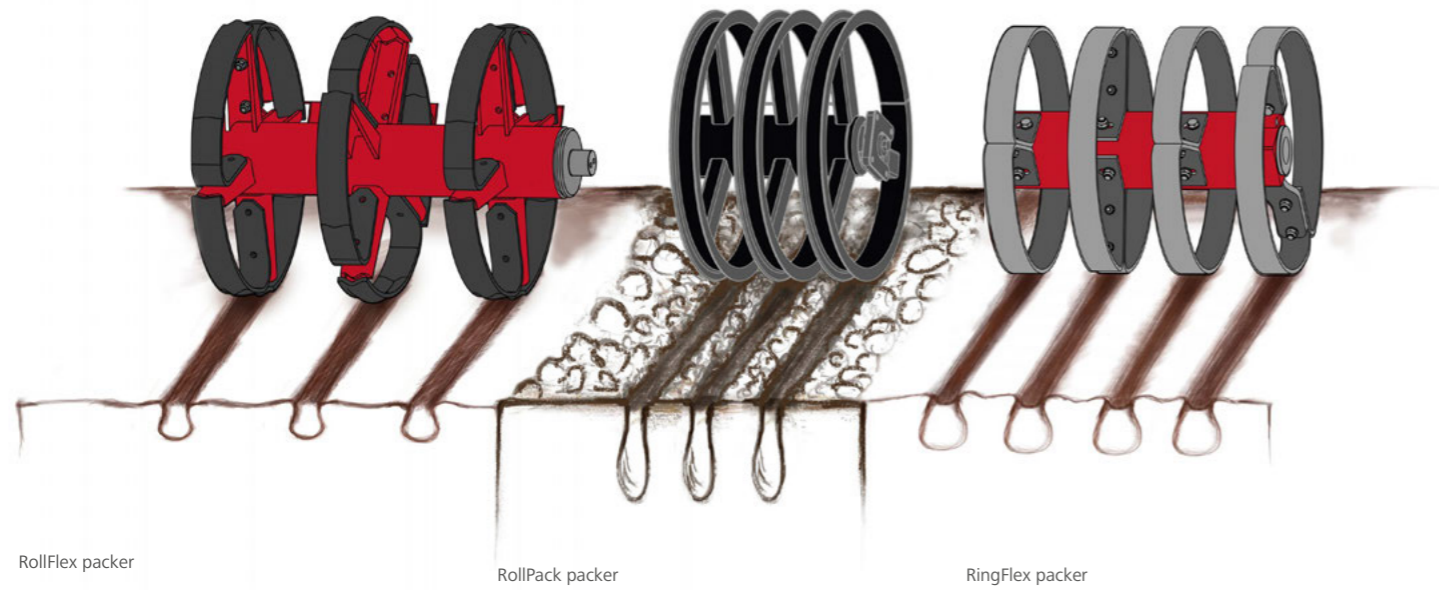


Double knife roller with a theoretical cutting length of 14 cm

# PACKER SYSTEMS

VERSATILE FOR OPTIMUM RESULTS

The depth effects and the main applications of the different HORSCH packer versions.



RollFlex packer

RollPack packer

RingFlex packer

## RollFlex packer

- Deep consolidation with loose soil surface
- High levelling capacity due to intermediate springs
- Self-cleaning, without scrapers
- High operational reliability

## RollPack packer

- Steel ring roller with a diameter of 55 cm
- Deep strip consolidation
- Can be used in all situations
- Weight per m working width: 125 kg

## RingFlex packer

- Large contact area due to 7 cm wide ring elements
- Organic matter is mixed in additionally
- Can be retrofitted to a winter packer
- Weight per m working width: 120 kg



6 Optional with packer for even consolidation

## Double knife roller body

The double knife body ensures maximum stability due to its massive bearings and the fitting knives. The pendulum suspension allows the knife roller to optimally adapt to uneven soils and ensures reliable cutting.

- Double knife roller body with 6 knives per rotor
- Rotor diameter of 30 cm for high rotational speeds and optimal crushing effect
- Two counter-rotating rotors for a theoretical cutting length of 14 cm
- Knives rest against the rotor for maximum stability



Double knife roller for ideal crushing performance

## Trailing unit

Depending on the model, the Cultro TC can be equipped with a variety of options. This ensures a wide range of applications and optimal adaptation to the respective site.

- Depending on the model, different options for trailing unit
- Optional with 3-row harrow
- Different packer options
- Loading weights for hardest operating conditions



Optional with a 3-row heavy harrow for fine soil production and distribution of organic matter

# TECHNICAL DATA

| Cultro TC                                      | 3 TC               | 5 TC  | 6 TC  | 9 TC  | 12 TC  | 18 TC  |
|--|--------------------|---|---|---|--|--|
| Working width (m)                              | 2,90               | 4,60  | 5,70  | 8,90  | 12,20  | 18,20  |
| Transport width (m)                            | 2,99               | 2,35  | 2,35  | 2,98  | 2,99   | 2,99   |
| Machine height (m)                             | 1,21               | 2,64  | 3,21  | 3,76  | 3,35   | 3.60/3.75 with triple harrow   |
| Length (m)                                     | ---                | ---   | ---   | 3,42  | 7,90   | 11,01  |
| Length front attachment (m)                    | 1,09               | 1,23  | 1,23  | ---   | ---  | ---  |
| Length rear attachment without trailer (m)     | 1,09               | 1,21  | 1,21  | 1,69  | ---  | ---  |
| Length rear attachment with packer (m)         | 2,10               | ---   | ---   | ---   | ---  | ---  |
| Length rear attachment with 3-point harrow (m) | ---                | 2,66  | 2,66  | 3,19  | ---  | ---  |
| Weight front attachment (kg)                   | 950 - 1300         | 1600 - 2200   | 1900 - 2400   | ---   | ---  | ---  |
| Weight rear attachment (kg)                    | 1800 - 2100        | 2400 - 2900   | 2500 - 3100   | 3580 - 4780   | ---  | ---  |
| Axle load (kg)                                 | ---                | ---   | ---   | ---   | 5600 - 6800  | 8200 - 9800  |
| Vertical load (kg)                             | ---                | ---   | ---   | ---   | 1700 - 2200  | 2500 - 2900  |
| Tyre size support wheels                       | ---                | ---   | ---   | ---   | 10.0/75 - 15.3   | 10.0/75 - 15.3   |
| Tyre size transport wheels                     | ---                | ---   | ---   | ---   | 550/45 - 22.5  | 550/45 - 22.5  |
| Knife roller Ø (cm)                            | 30                 | 30  | 30  | 30  | 30   | 30   |
| DA control devices                             | ---                | 1x fold/unfold,<br>1x harrow height,<br>1x harrow<br>aggressiveness | 1x fold/unfold,<br>1x harrow height,<br>1x harrow<br>aggressiveness | 1x fold/unfold,<br>1x harrow height,<br>1x harrow<br>aggressiveness | 2x fold/unfold,<br>1x extend/retract<br>knife roller,<br>1x harrow<br>aggressiveness | 2x fold/unfold,<br>1x extend/retract<br>knife roller,<br>1x harrow<br>aggressiveness |
| Horsepower requirement (kW/hp)                 | 60/80 - 110/150    | 95/130 - 147/200  | 110/150 - 160/220   | 140/190 - 210/290   | 200/270 - 255/350  | 235/320 - 330/450  |
| Implement attachment 3-point                   | 3-Pkt. Cat. II/III | 3-Pkt. Cat. II/III  | 3-Pkt. Cat. II/III  | 3-Pkt. Cat. II/III  | ---  | ---  |
| Implement linkage with ring hitch (mm)         | ---                | ---   | ---   | ---   | Ø 46 - 58  | Ø 46 - 58  |
| Implement linkage with hitch (ball joint) (mm) | ---                | ---   | ---   | ---   | Ø 42 - 51  | Ø 42 - 51  |
| Implement linkage with ball head coupling      | ---                | ---   | ---   | ---   | K 80   | K 80   |

Your distributor



**HORSCH Maschinen SE & Co. KG**

Sitzenhof 1 · 92421 Schwandorf

Phone: +49 9431 7143-0

Fax: +49 9431 7143-9200

E-Mail: [info@horsch.com](mailto:info@horsch.com)

**[horsch.com](http://horsch.com)**

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All specifications and diagrams are approximate and not binding. Technical features and design are subject to change.

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